Index of Claims

| Appl | ication | /Control | No. |
|------|---------|----------|-----|
|------|---------|----------|-----|

10/669,666

Examiner

Reexamination
BEIERLE, FRED P.

Applicant(s)/Patent under

Art Unit

Walter D. Griffin

1764

√ Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

N Non-Elected

Interference

A Appeal
O Objected

|          | , in-                                                                     | Date     |            |          |          |          |              |              |          |                 |  |
|----------|---------------------------------------------------------------------------|----------|------------|----------|----------|----------|--------------|--------------|----------|-----------------|--|
| · Cla    |                                                                           | <b>—</b> | , -        | _        | !        | Jate     | <del>-</del> |              |          | -               |  |
| Final    | Original                                                                  | 12/27/05 |            |          |          |          |              |              |          |                 |  |
|          | 1                                                                         | +        |            |          |          |          |              |              |          |                 |  |
|          | 2                                                                         | +        |            |          |          |          |              |              | Г        |                 |  |
|          | 3                                                                         | +        |            |          |          |          |              |              |          |                 |  |
|          | 1<br>2<br>3<br>4<br>5                                                     | +        |            |          |          |          |              |              |          |                 |  |
|          |                                                                           | +        |            |          |          |          |              |              |          |                 |  |
|          | 6<br>7                                                                    |          |            |          |          |          |              |              |          |                 |  |
|          | 7                                                                         | +        |            | _        | _        | _        | <u> </u>     |              |          | Щ               |  |
|          | 8                                                                         | +        | <u> </u>   | <u> </u> | <u> </u> | _        | _            | _            | <u> </u> | Щ               |  |
|          | 9                                                                         | +        | <u> </u>   | <u> </u> |          | _        | _            | L            |          |                 |  |
|          | 10                                                                        | +        | ┡          | <u> </u> | _        | _        | <u> </u>     | _            | L        | Щ               |  |
|          | 17                                                                        | +        | <u> </u>   | ⊢        | ├-       | $\vdash$ | $\vdash$     | <u> </u>     | ⊢        | Н               |  |
|          | 12                                                                        | +        | <u> </u>   | -        | -        | -        | -            | -            |          | Н               |  |
|          | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21 |          | -          | -        | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$ | Н               |  |
|          | 15                                                                        | ++++     | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$ | <del> </del> | -            | $\vdash$ | Н               |  |
|          | 16                                                                        | +        | ┢─         | _        | ┢        | ┢        | ┢            | -            | H        | Н               |  |
|          | 17                                                                        |          | $\vdash$   | -        | $\vdash$ | Н        | $\vdash$     | $\vdash$     | H        | Н               |  |
|          | 18                                                                        | +        | $\vdash$   |          |          | $\vdash$ | $\vdash$     |              | H        | Н               |  |
|          | 19                                                                        | +        |            |          |          | $\vdash$ | Н            |              |          |                 |  |
|          | 20                                                                        | ++       |            |          |          |          |              |              |          | П               |  |
|          | 21                                                                        | +        |            |          |          |          |              |              |          |                 |  |
|          | 22                                                                        |          |            |          |          |          |              |              |          |                 |  |
|          | 22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30                        |          |            |          |          |          |              |              |          |                 |  |
|          | 24                                                                        |          |            |          |          |          |              |              |          |                 |  |
|          | 25                                                                        | <u> </u> |            |          |          | <u> </u> | L            |              | <u> </u> |                 |  |
|          | 26                                                                        |          |            |          |          |          | _            |              | _        |                 |  |
|          | 27                                                                        | <u> </u> | <u> </u>   |          | <u> </u> |          | _            | _            | <u> </u> |                 |  |
|          | 28                                                                        | <u> </u> | <u> </u>   |          | <u> </u> | ļ        | <u> </u>     |              | ļ        |                 |  |
|          | 29                                                                        | <u> </u> | <u> </u>   | _        |          | _        | _            | _            | <u> </u> | -               |  |
|          | 30                                                                        | _        | -          |          | -        | -        | -            |              |          | _               |  |
|          | 31<br>32<br>33                                                            | -        | <u> </u>   |          |          | <u> </u> | -            | _            | -        | $\vdash$        |  |
|          | 32                                                                        | ┢        | H          |          |          | $\vdash$ | -            |              | H        | $\dashv$        |  |
|          | 34                                                                        | $\vdash$ | H          |          | -        | $\vdash$ | $\vdash$     | _            | _        |                 |  |
|          | 35                                                                        | -        | <u> </u>   |          |          |          |              |              | $\vdash$ |                 |  |
|          | 34<br>35<br>36                                                            | -        |            |          |          |          |              |              |          |                 |  |
|          | 37                                                                        |          |            |          |          |          |              |              |          | $\Box$          |  |
|          | 38                                                                        | Г        |            |          |          |          |              |              |          |                 |  |
|          | 39                                                                        | Г        | Г          |          |          |          |              |              |          |                 |  |
|          | 40                                                                        |          |            |          |          |          |              |              |          |                 |  |
|          | 41                                                                        |          |            |          |          |          | 匚            |              | L.       |                 |  |
|          | 42                                                                        |          |            |          |          | L        |              |              |          | $\Box$          |  |
|          | 43                                                                        | <u> </u> |            | _        | <u> </u> | <u>L</u> | <u> </u>     |              | Ш        | oxdot           |  |
|          | 44                                                                        | <u> </u> | lacksquare | L.       | L_       | <u> </u> | <u> </u>     |              |          | Ш               |  |
|          | 45                                                                        | <b> </b> | $\vdash$   | <u> </u> | ├-       | <u> </u> | <u> </u>     | <u> </u>     |          | $\vdash \dashv$ |  |
|          | 46                                                                        | -        | $\vdash$   | _        | $\vdash$ | $\vdash$ | <u> </u>     | <u> </u>     | $\vdash$ | $\vdash \vdash$ |  |
|          | 47                                                                        | _        | -          |          | ├        | <u> </u> | <u> </u>     | <u> </u>     |          | $\vdash\vdash$  |  |
|          | 48<br>49                                                                  | $\vdash$ | $\vdash$   | _        | $\vdash$ | $\vdash$ | _            | <del> </del> | -        | $\vdash$        |  |
| <u> </u> | 50                                                                        | -        | $\vdash$   | _        | $\vdash$ | $\vdash$ | <u> </u>     | _            | -        | $\dashv$        |  |
|          | _50                                                                       |          | L          | Щ        | Ц        | L        | L            | L            |          | ш               |  |

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |          |   | Cla      | Claim Date |          |          |   |                                     |          |              |                                                  |          |          |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|---|----------|------------|----------|----------|---|-------------------------------------|----------|--------------|--------------------------------------------------|----------|----------|
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |          |   |          |            |          |          |   |                                     |          |              | [                                                | ]        |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |          |   | <u>a</u> | Original   |          |          |   |                                     |          | l            |                                                  |          |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |          |   | Final    | rig        |          |          |   |                                     |          |              | 1                                                |          |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |          |   |          | 0          |          |          |   |                                     |          |              |                                                  |          |          |
| - | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | _        | $\vdash$ |   |          | 51         |          |          |   | $\vdash$                            |          | -            | $\vdash$                                         | -        | -        |
|   | Н                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Н        | $\vdash$ |   |          | 52         | Н        | _        |   |                                     |          | $\vdash$     | $\vdash$                                         | H        | $\dashv$ |
|   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | _        | ⊢        |   |          | 53         | $\vdash$ |          |   | ⊢                                   | _        | <u> </u>     | ├—                                               | -        |          |
|   | H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | _        | -        |   |          | 54         | -        | _        |   | -                                   |          |              | -                                                |          |          |
| _ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          | H        |   |          | 54         | $\vdash$ |          | _ |                                     | _        | _            | <u> </u>                                         | -        |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _        | <u> </u> |   |          | 55         |          |          |   | L                                   | _        | <u> </u>     | <u> </u>                                         |          | _        |
| _ | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | _        | <u> </u> |   |          | 56         |          |          |   | ļ                                   |          | <u> </u>     |                                                  |          |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          | <u> </u> |   |          | 57         |          |          |   | _                                   |          | <u> </u>     | <u> </u>                                         | _        | _        |
|   | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | $\vdash$ | <u> </u> |   |          | 58         | _        |          |   | _                                   |          |              | _                                                |          | Щ        |
|   | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | L        | _        |   |          | 59         |          |          |   | L.                                  |          | _            | _                                                |          | Ш        |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |          |   |          | 60         |          |          |   |                                     |          |              |                                                  |          |          |
|   | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ld}}}}}}$ | _        |          |   |          | 61<br>62   | Щ        |          |   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _        | <u> </u>     | <u> </u>                                         |          |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |          |   |          | 62         |          |          |   |                                     |          |              |                                                  |          |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | L        |          |   |          | 63         |          |          |   |                                     |          |              |                                                  |          |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |          |   |          | 64<br>65   |          |          |   |                                     |          |              |                                                  |          |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Π        |          |   |          | 65         |          |          |   |                                     |          |              |                                                  |          |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |          |   |          | 66         | П        |          |   | П                                   | П        |              | ļ —                                              |          |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |          |   |          | 67         | П        |          |   |                                     |          |              |                                                  | П        |          |
|   | П                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Г        | П        |   |          | 68         | Н        |          |   | Г                                   | Г        |              |                                                  | П        | П        |
|   | Н                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |          |   |          | 69         | Н        |          |   | <b>-</b>                            |          | _            | $\vdash$                                         | $\vdash$ | Н        |
|   | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | $\vdash$ | Н        |   |          | 70         | Н        |          |   | Н                                   | $\vdash$ | $\vdash$     | $\vdash$                                         | Н        | Н        |
|   | H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Н        | $\vdash$ |   |          | 71         | $\vdash$ |          |   | H                                   | H        | $\vdash$     | $\vdash$                                         |          | $\vdash$ |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | H        | H        |   | -        | 72         | H        |          |   | H                                   | ⊢        | $\vdash$     | $\vdash$                                         | H        | H        |
| - | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -        | Н        |   |          | 72<br>73   | Н        | _        |   | ⊢                                   | $\vdash$ | $\vdash$     | ├                                                |          |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash$ | H        |   |          | 7.4        | Н        |          |   | H                                   | $\vdash$ | _            |                                                  | Н        | $\vdash$ |
| _ | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -        | _        |   |          | 74         |          |          |   | -                                   | -        |              | _                                                |          |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ļ.,      | <u> </u> |   |          | 75         |          |          |   | L                                   |          |              | _                                                | Н        | _        |
| _ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash$ |          |   |          | 76         | <u> </u> |          |   | <u> </u>                            | _        | <u> </u>     | <u> </u>                                         | <u> </u> | -        |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |          |   |          | 77         | Щ        |          |   | <u> </u>                            | _        | _            | <u>_</u>                                         | _        | _        |
|   | L_                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | L        | L.,      |   |          | 78         | Ш        |          |   |                                     | Щ        |              | _                                                |          |          |
|   | Ш                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | L        | Ш        |   |          | 79         | Щ        |          |   | <u> </u>                            | L        | L_           | L.                                               | Ш        | Ш        |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |          |   |          | 80         |          |          |   | $ar{\Box}$                          |          |              |                                                  |          |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |          |   |          | 81         |          |          |   |                                     |          |              | Ĺ                                                |          |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          | •        |   |          | 82         |          |          |   |                                     |          |              |                                                  |          |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |          |   |          | 83         |          |          |   |                                     |          |              |                                                  |          |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |          |   |          | 84         |          |          |   | Г                                   |          |              |                                                  |          |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |          |   |          | 85         |          |          |   |                                     |          |              |                                                  |          |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | П        | П        |   |          | 86         | П        |          |   |                                     |          |              | <u> </u>                                         |          |          |
|   | Н                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Н        | $\vdash$ |   |          | 87         | Н        |          |   |                                     | $\vdash$ | -            | <del>                                     </del> | $\vdash$ | Н        |
|   | Н                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Н        |          |   |          | 88         | Н        |          | _ | Т                                   | Н        | $\vdash$     | $\vdash$                                         | Н        | Н        |
|   | ⊢                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | $\vdash$ | $\vdash$ |   |          | 89         | H        | $\vdash$ |   | H                                   | $\vdash$ | <del> </del> | $\vdash$                                         | $\vdash$ | Н        |
| - | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | $\vdash$ | $\vdash$ |   |          | 90         | $\vdash$ | -        | - | -                                   | $\vdash$ | $\vdash$     | $\vdash$                                         | $\vdash$ | H        |
| _ | <del></del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | $\vdash$ | $\vdash$ |   |          | 91         | $\vdash$ |          | — | $\vdash$                            | $\vdash$ | $\vdash$     | $\vdash$                                         | $\vdash$ | Н        |
|   | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ٠        | $\vdash$ |   |          | 91         | $\vdash$ |          |   | -                                   | -        | $\vdash$     | $\vdash$                                         | $\vdash$ | $\vdash$ |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -        | -        |   |          | 92         | $\vdash$ |          |   |                                     |          | <b>_</b>     |                                                  |          |          |
| _ | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | $\vdash$ |          |   |          | 93         |          |          |   | $\vdash$                            | $\vdash$ | <u> </u>     | <del> </del>                                     | <b> </b> |          |
|   | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          | $\vdash$ |   |          | 94         | Н        |          |   | <b> </b>                            | <u> </u> | <u> </u>     | <u> </u>                                         | $\vdash$ | Щ        |
|   | Щ.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Щ        |          |   |          | 95         | $\sqcup$ |          |   | <u> </u>                            |          | <u> </u>     |                                                  | Щ        | Щ        |
|   | Ц.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ш        | Щ        |   |          | 96         | Щ        |          |   |                                     | Щ.       |              | <u> </u>                                         | $\sqcup$ |          |
|   | L.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          | Щ        |   |          | 97         | Ш        |          |   | Щ                                   | L        |              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | $\sqcup$ |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          | $\Box$   |   |          | 98         |          |          |   |                                     |          | L            |                                                  |          |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |          |   | · ·      | 99         |          |          |   |                                     |          |              |                                                  |          |          |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |          |   |          | 100        |          |          |   |                                     |          |              |                                                  |          |          |
| _ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |          | • |          |            |          |          |   |                                     |          |              |                                                  |          |          |

| Cla   | aim .                    | Date     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |          |          |                                                  |          |                 |  |
|-------|--------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------|----------|--------------------------------------------------|----------|-----------------|--|
| Final | Original                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |          |          |                                                  |          |                 |  |
|       | 101                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |          |          |                                                  |          |                 |  |
|       | 101<br>102               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |          |          |                                                  |          |                 |  |
|       | 103                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |          |          |                                                  |          |                 |  |
|       | 104                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |          |          |                                                  |          |                 |  |
|       | 105<br>106               |          | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <u> </u>                                         | _        | _        | _                                                | _        |                 |  |
|       | 106                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ļ                                                | L        | _        | <u> </u>                                         |          | Щ               |  |
|       | 107                      |          | L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <u> </u>                                         | -        | <u> </u> |                                                  |          |                 |  |
|       | 108<br>109               |          | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ├                                                |          |          | $\vdash$                                         |          | -               |  |
|       | 110                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <del> </del>                                     | ┢╌       | -        | -                                                |          | H               |  |
|       | 111                      |          | H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | $\vdash$                                         | $\vdash$ | H        | H                                                |          | H               |  |
|       | 112                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b></b> -                                        |          | Г        | Г                                                | _        | Н               |  |
|       | 112<br>113               |          | П                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |          |          |                                                  |          | П               |  |
|       | 114                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |          |          |                                                  |          |                 |  |
|       | 115                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |          |          |                                                  |          |                 |  |
|       | 116                      |          | Ш                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ld}}}}}}$ | <u> </u>                                         |          | L        | ldash                                            |          |                 |  |
|       | 117<br>118               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <u> </u>                                         |          | <u> </u> | lacksquare                                       |          |                 |  |
|       | 118                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _                                                |          | L        | <u> </u>                                         |          |                 |  |
|       | 119                      | $\vdash$ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ├                                                |          | H        | $\vdash$                                         |          | $\vdash$        |  |
|       | 120<br>121               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash$                                         | ┝        | $\vdash$ | $\vdash$                                         |          | Н               |  |
|       | 122                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ┢                                                | $\vdash$ | $\vdash$ | H                                                |          | $\vdash$        |  |
|       | 123                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash$                                         | Н        | $\vdash$ | Т                                                |          |                 |  |
|       | 123<br>124<br>125        |          | Г                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Г                                                | Г        |          |                                                  |          |                 |  |
|       | 125                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |          |          |                                                  |          |                 |  |
|       | 126<br>127<br>128<br>129 |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |          |          |                                                  |          |                 |  |
|       | 127                      |          | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _                                                | _        | <u> </u> | _                                                | _        | Щ               |  |
|       | 128                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _                                                | _        |          | _                                                | _        |                 |  |
|       | 130                      |          | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ⊢                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <del> </del>                                     | -        | _        | <del> </del>                                     |          |                 |  |
|       | 131                      | _        | H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ┝                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ├─                                               | $\vdash$ | <u> </u> | ┝                                                |          | $\vdash$        |  |
|       | 131<br>132               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <del>                                     </del> |          | -        |                                                  |          |                 |  |
|       | 133                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |          | $\vdash$ | $\vdash$                                         |          |                 |  |
|       | 134                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |          |          |                                                  |          |                 |  |
|       | 134<br>135               |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |          |          |                                                  |          |                 |  |
|       | 136                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <u> </u>                                         |          |          | L                                                |          |                 |  |
|       | 137                      |          | Ш                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <u> </u>                                         | ļ        | L        | <u> </u>                                         |          | Щ               |  |
|       | 138                      |          | Ш                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _                                                | <u> </u> | <u> </u> | _                                                | <u> </u> | Щ               |  |
|       | 139<br>140               |          | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <u> </u>                                         |          |          | -                                                | $\vdash$ | $\vdash$        |  |
|       | 141                      | $\vdash$ | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <del> </del>                                     | $\vdash$ | $\vdash$ | $\vdash$                                         | H        | Н               |  |
|       | 142                      | -        | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <del> </del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                  | $\vdash$ | -        | -                                                | $\vdash$ | $\vdash$        |  |
|       | 143                      |          | Т                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash$                                         | $\vdash$ | Т        | <del>                                     </del> | Н        | Н               |  |
|       | 144                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash$                                         |          |          |                                                  | П        | $\Box$          |  |
|       | 145                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |          |          |                                                  |          |                 |  |
|       | 146                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |          |          |                                                  |          |                 |  |
|       | 147                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                  | L        | L        | L                                                | _        | Ш               |  |
|       | 148                      | H        | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <u> </u>                                         | $\vdash$ | _        | $\vdash$                                         | <u>L</u> | Щ               |  |
|       | 149                      | -        | <b> </b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | _                                                | $\vdash$ | _        | $\vdash$                                         | <u> </u> | $\vdash \vdash$ |  |
|       | 150                      |          | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ld}}}}}}$ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | l                                                |          |          |                                                  | L_       | لـــا           |  |